

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144043.D
 Acq On : 22 Oct 2025 15:49
 Operator : RC/JU
 Sample : Q3399-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-ROLLOFF

Quant Time: Oct 22 16:09:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	58583	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	215525	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	105907	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	183706	20.000	ng	0.00
76) Chrysene-d12	14.057	240	180151	20.000	ng	-0.01
86) Perylene-d12	15.545	264	216631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	345033	93.527	ng	0.00
7) Phenol-d6	6.504	99	395273	89.890	ng	-0.01
23) Nitrobenzene-d5	7.440	82	238932	67.353	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	112782	106.917	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	473311	70.913	ng	-0.01
79) Terphenyl-d14	12.998	244	512429	48.614	ng	-0.01

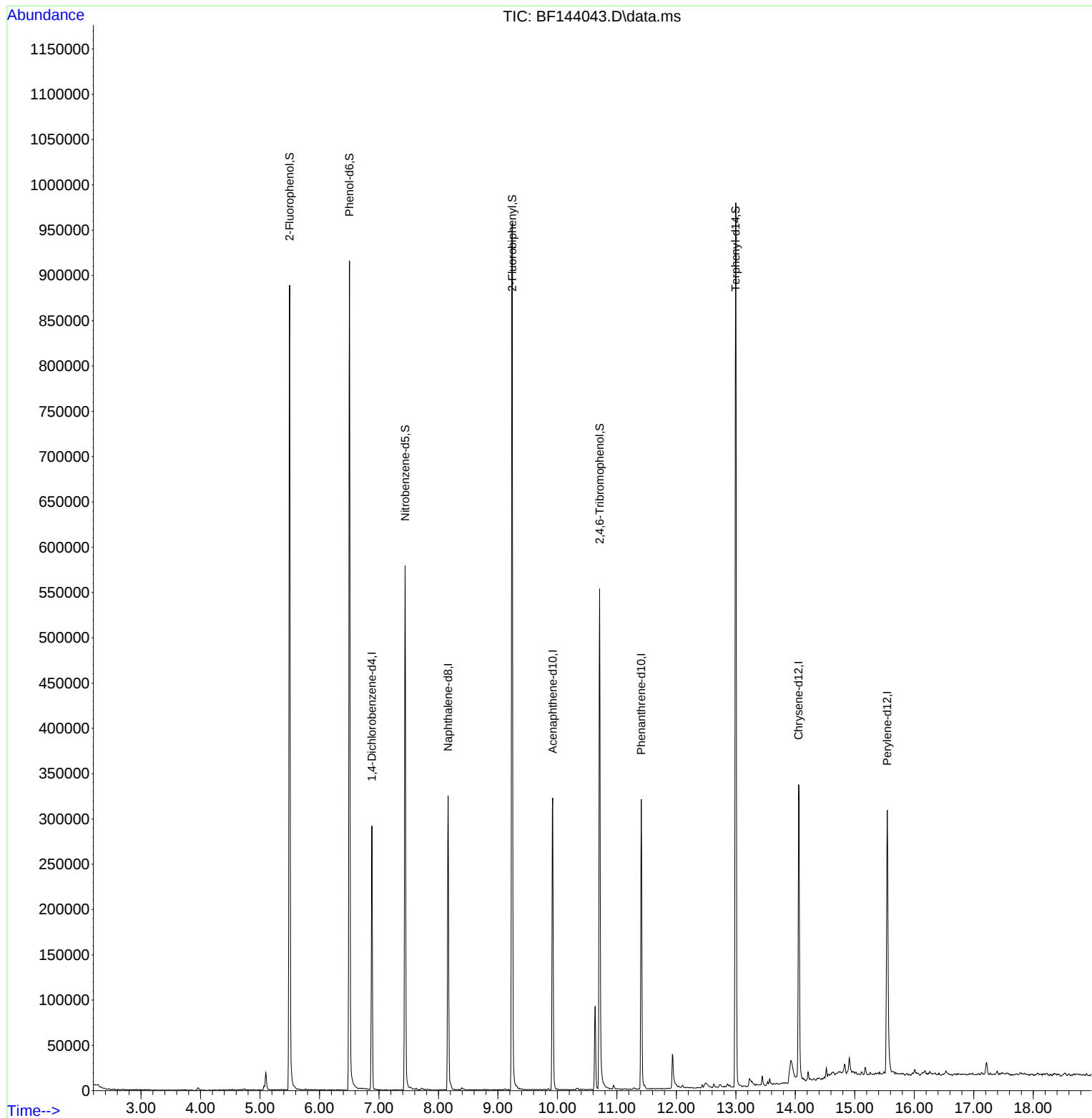
Target Compounds	Qvalue

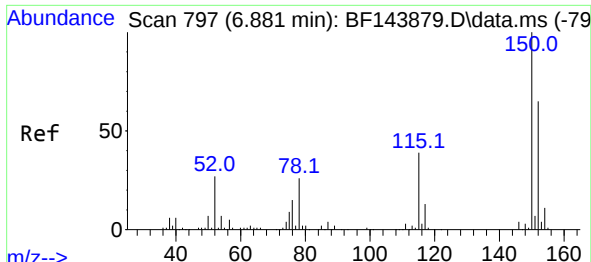
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144043.D
Acq On : 22 Oct 2025 15:49
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

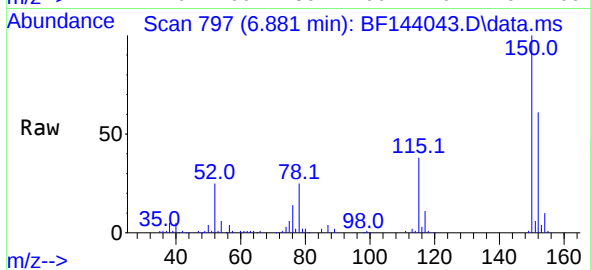
Quant Time: Oct 22 16:09:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



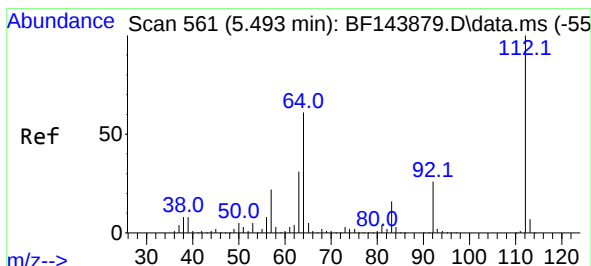
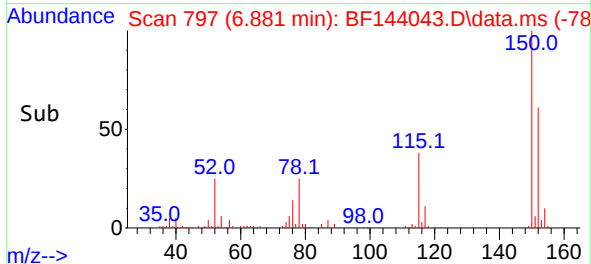
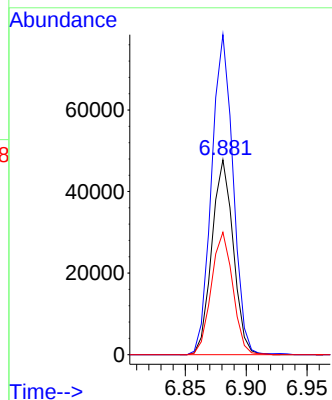


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

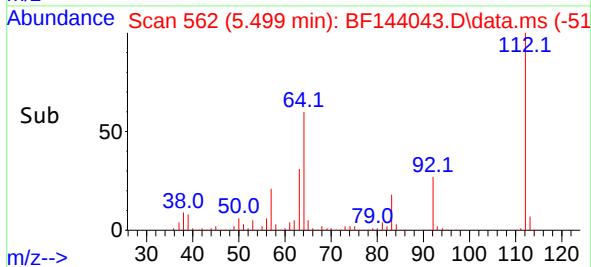
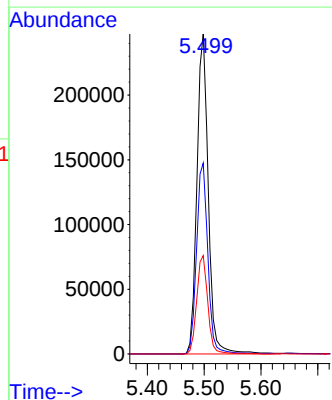
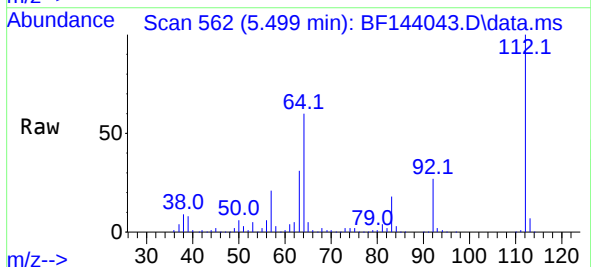


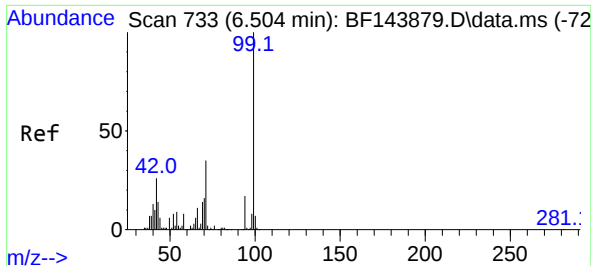
Tgt Ion:152 Resp: 58583
Ion Ratio Lower Upper
152 100
150 164.2 124.4 186.6
115 62.8 48.1 72.1



#5
2-Fluorophenol
Concen: 93.527 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

Tgt Ion:112 Resp: 345033
Ion Ratio Lower Upper
112 100
64 59.6 49.1 73.7
63 30.8 24.5 36.7

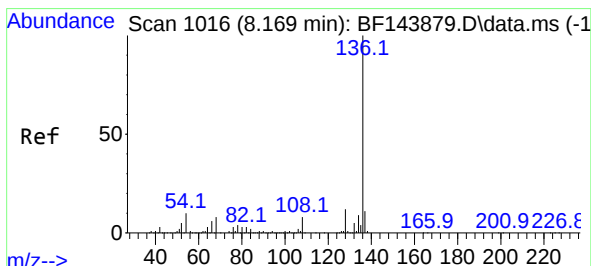
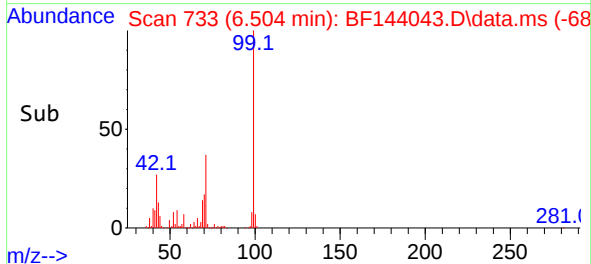
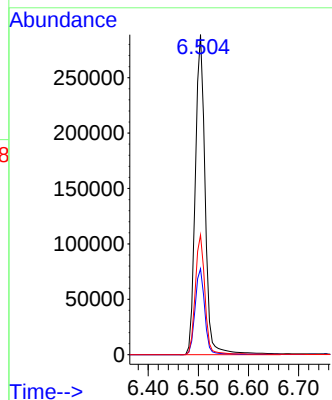
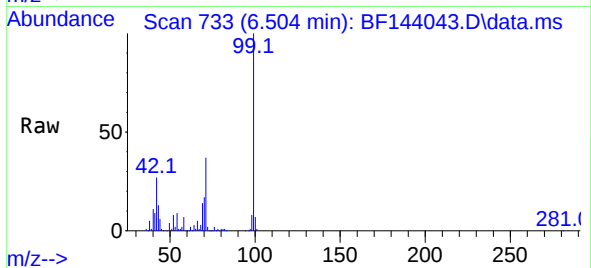




#7
Phenol-d6
Concen: 89.890 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

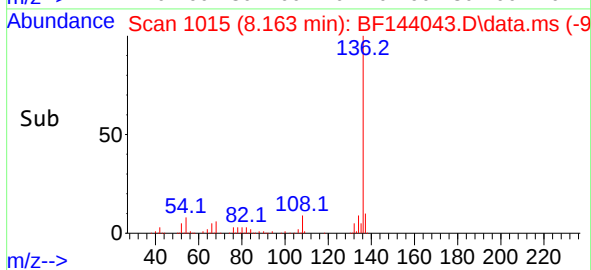
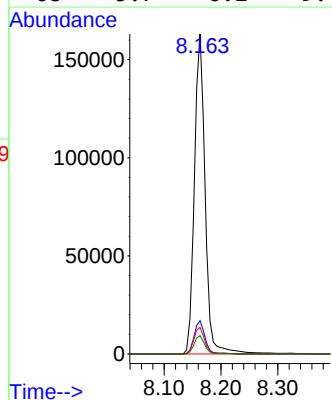
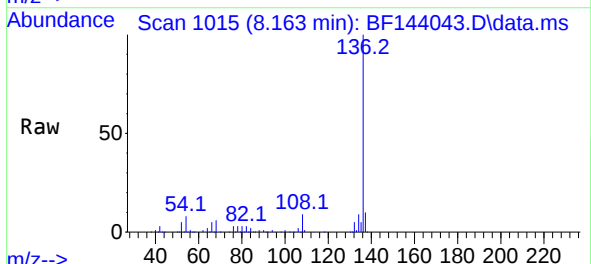
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

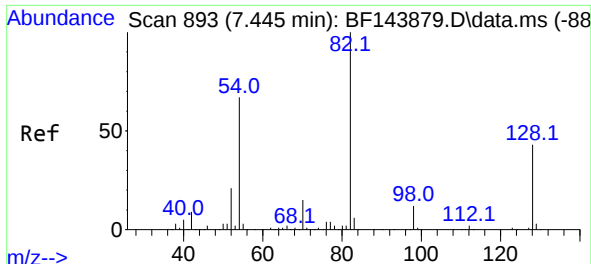
Tgt Ion: 99 Resp: 395273
Ion Ratio Lower Upper
99 100
42 26.8 21.0 31.4
71 37.4 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

Tgt Ion: 136 Resp: 215525
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 8.3 8.2 12.4
68 5.7 6.2 9.4#

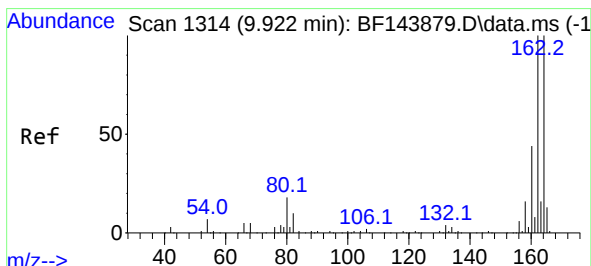
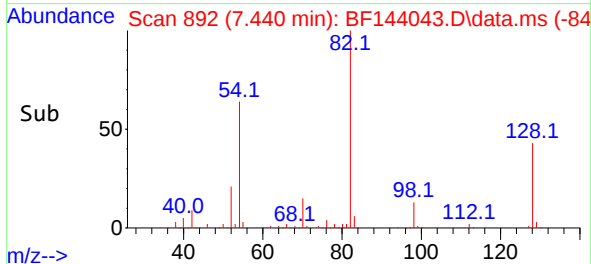
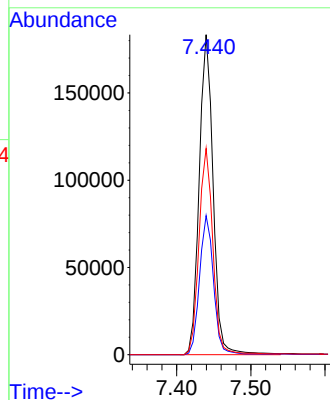
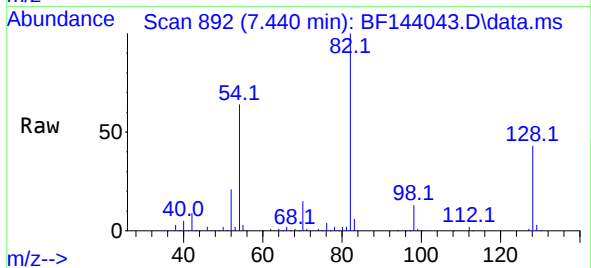




#23
Nitrobenzene-d5
Concen: 67.353 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

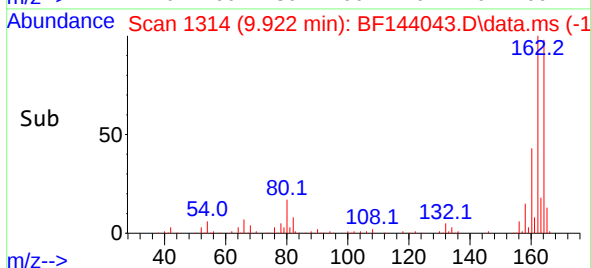
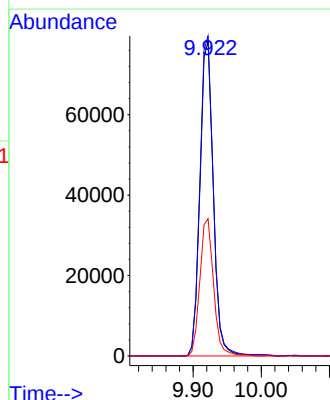
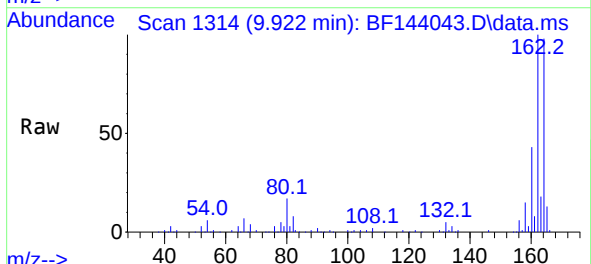
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

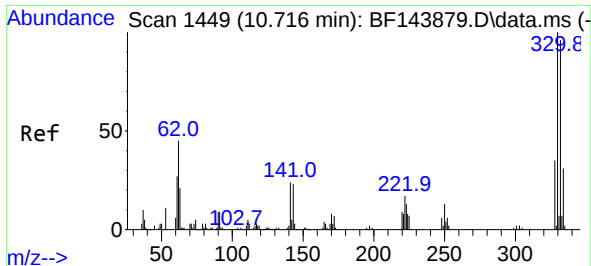
Tgt Ion: 82 Resp: 238932
Ion Ratio Lower Upper
82 100
128 43.4 34.0 51.0
54 64.4 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

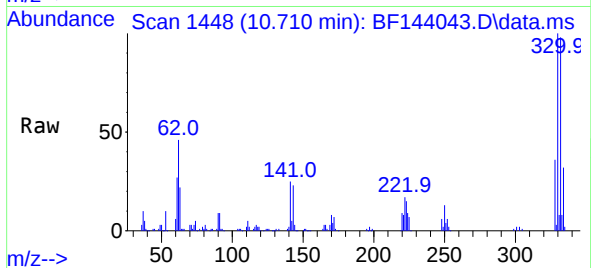
Tgt Ion:164 Resp: 105907
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 43.6 35.4 53.0



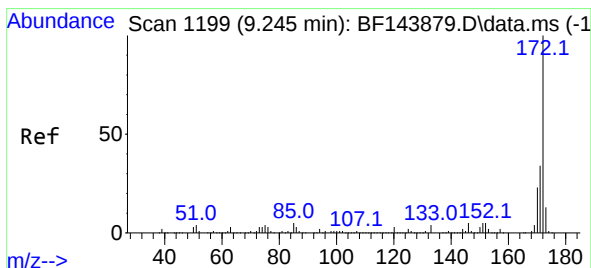
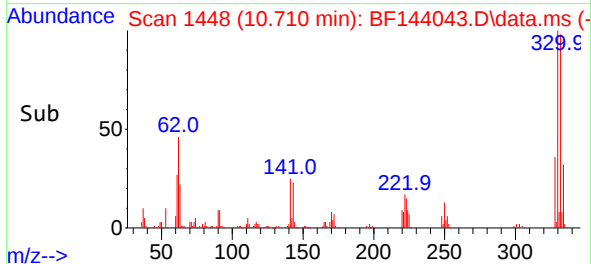
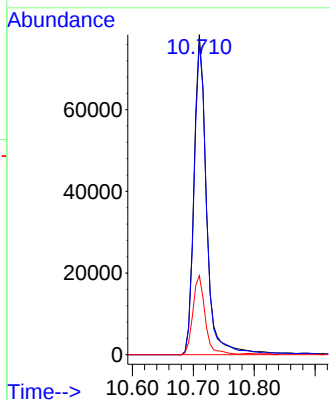


#42
2,4,6-Tribromophenol
Concen: 106.917 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

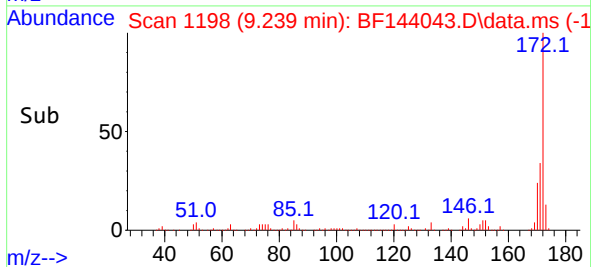
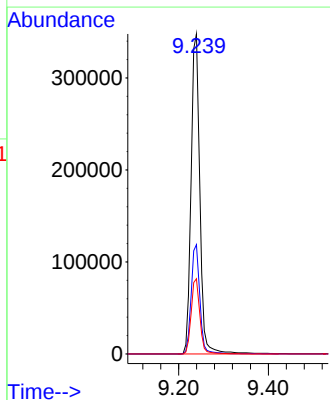
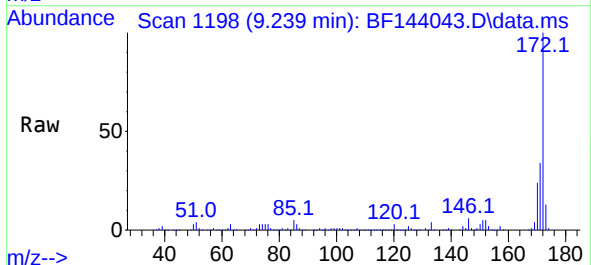


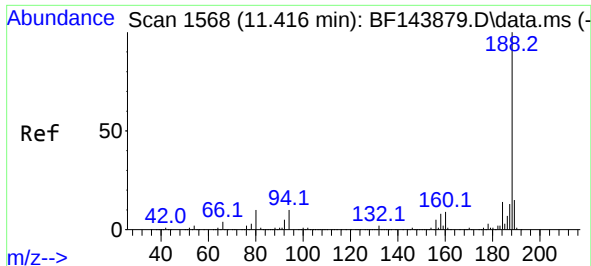
Tgt Ion:330 Resp: 112782
Ion Ratio Lower Upper
330 100
332 98.0 76.9 115.3
141 24.1 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 70.913 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

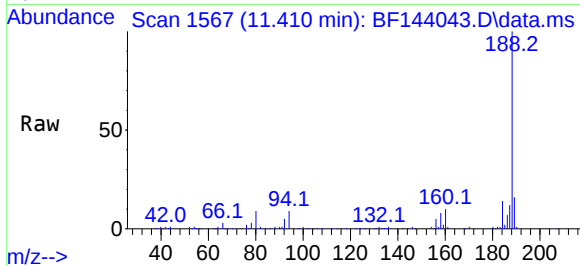
Tgt Ion:172 Resp: 473311
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.0
170 23.5 18.6 28.0



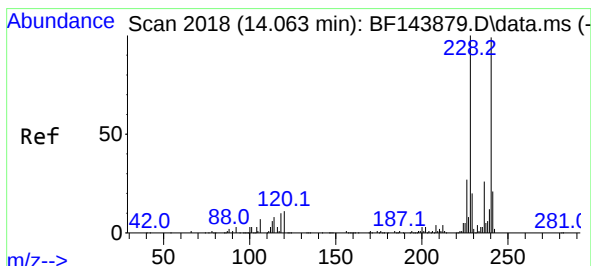
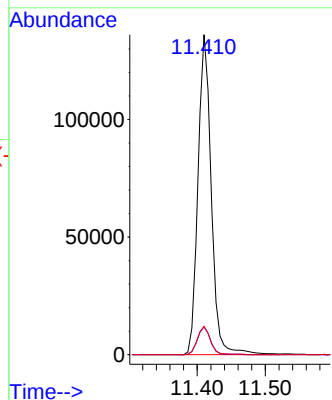
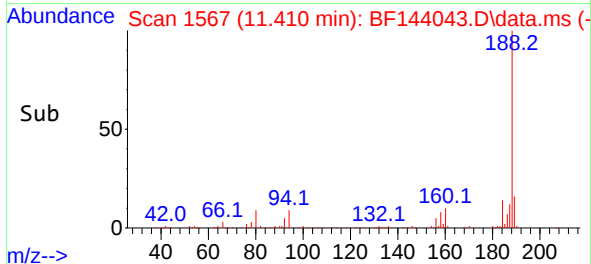


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

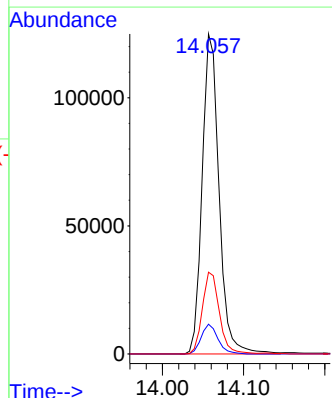
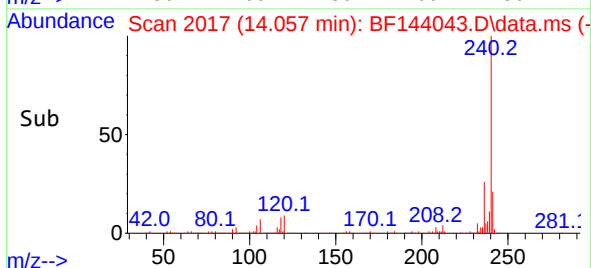
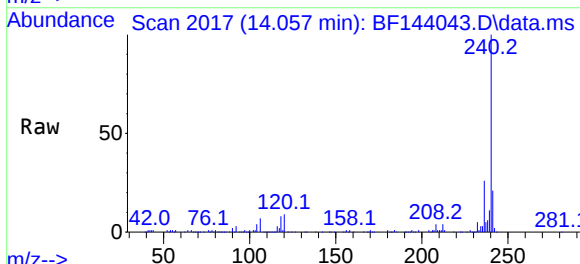


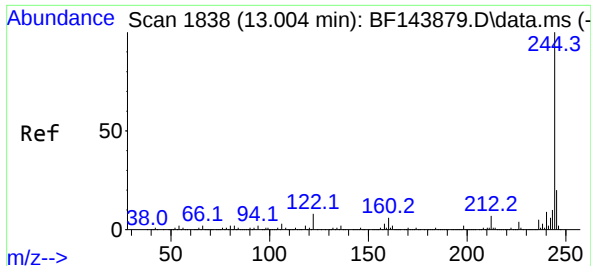
Tgt Ion:188 Resp: 183706
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 8.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

Tgt Ion:240 Resp: 180151
Ion Ratio Lower Upper
240 100
120 9.3 8.6 13.0
236 25.6 21.1 31.7

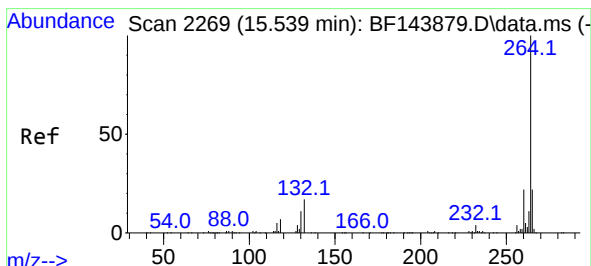
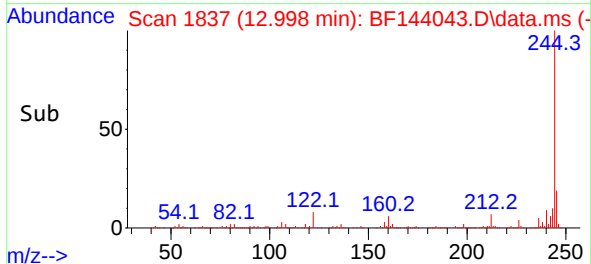
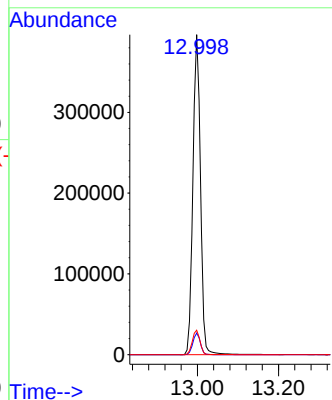
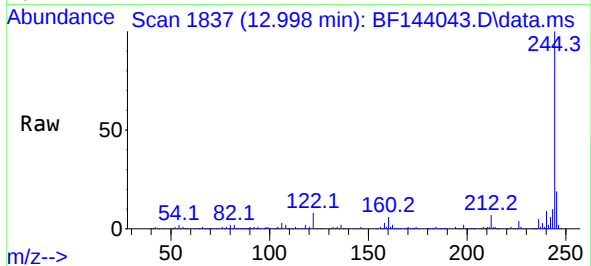




#79
Terphenyl-d14
Concen: 48.614 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:244 Resp: 512429
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 7.6 6.4 9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

Tgt Ion:264 Resp: 216631
Ion Ratio Lower Upper
264 100
260 21.7 17.8 26.8
265 21.8 17.5 26.3

